Index of Claims

| ••• | <br> |    |
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|     |      | H  |

Application/Control No.

10/621,632

Examiner

Lev I. Iwashko

Applicant(s)/Patent under Reexamination

ADELMANN ET AL.

Art Unit

2186

| x | Rejected |
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| = | Allowed  |

| - | (Through numeral)<br>Cancelled |
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Restricted

| Z | Non-Elected  |
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| 1 | Interference |

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| o | Objected |

| Cla      | nim                   | Date           |          |               |          |          |              |  |          |          |  |  |
|----------|-----------------------|----------------|----------|---------------|----------|----------|--------------|--|----------|----------|--|--|
| Š        |                       |                |          |               |          |          |              |  |          |          |  |  |
| Final    | Original              | 2/17/06        |          | l             |          |          |              |  |          |          |  |  |
|          | 1<br>2<br>3<br>4<br>5 | Х              |          |               |          |          |              |  |          |          |  |  |
|          | 2                     | Х              |          |               |          |          |              |  |          |          |  |  |
|          | 3                     | X              |          |               |          | L        |              |  |          |          |  |  |
|          | 4                     | Х              |          |               |          |          |              |  |          |          |  |  |
|          | 5                     | X              |          |               |          | Ĺ        |              |  |          |          |  |  |
|          | 6                     | X              |          |               |          |          |              |  |          |          |  |  |
|          | 7                     | х              |          |               |          | L        |              |  |          |          |  |  |
|          | 8                     | Х              | <u> </u> | L_            | <u> </u> |          |              | _  |          |          |  |  |
|          | 9                     | Х              | <u> </u> |               | <u> </u> | 匚        | _            | _  |          | L        |  |  |
|          | 10                    | X              | <u> </u> |               | _        | <u> </u> | _            |  | L_       | L.,      |  |  |
|          | 11                    | Х              | _        | _             | _        | _        | ļ            | _  |          | L.,      |  |  |
|          | 11<br>12<br>13        | Х              | <u> </u> | <u> </u>      | <u> </u> | <u> </u> | <u> </u>     | <u> </u>   | <u> </u> | L.       |  |  |
|          | 13                    | X              | <u> </u> | ⊢             | ⊢        | ├_       | <u> </u>     | <u> </u>   | <u> </u> | Ш        |  |  |
| <u> </u> | 14<br>15              | X              | <u> </u> | <del> </del>  | <u> </u> | _        |              |  | _        | $\vdash$ |  |  |
| ļ        | 15                    | <del> </del> X | <u> </u> | <del> </del>  | <u> </u> | -        | <del> </del> | <u> </u>   | $\vdash$ | $\vdash$ |  |  |
|          | 16<br>17              | X              | <u> </u> | <u> </u>      | $\vdash$ |          | <del> </del> | <u> </u>   | $\vdash$ | Н        |  |  |
|          | 10                    | ×              | ├—       | -             | -        | ├        | $\vdash$     | _  | -        | -        |  |  |
| -        | 18<br>19              | x              | ├        | ⊢             | -        | ⊢        | -            | ├—   | ⊢        | -        |  |  |
|          | 20                    | x              |          | ├             | _        | $\vdash$ |              | -  |          | -        |  |  |
|          | 21                    | x              | $\vdash$ | $\vdash$      | -        | $\vdash$ | _            | -  | $\vdash$ | _        |  |  |
| $\vdash$ | 22                    | X              | $\vdash$ | $\vdash$      | -        | $\vdash$ | $\vdash$     | -  | -        | Н        |  |  |
|          | 22<br>23              | <del>  ^</del> | $\vdash$ | ┢             | $\vdash$ | $\vdash$ | -            | -  | -        | H        |  |  |
|          | 24                    | <u> </u>       |          | $\vdash$      | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$   | $\vdash$ | Н        |  |  |
|          | 25                    | Н              |          | _             | _        | _        | Т            | ┪  | $\vdash$ | П        |  |  |
|          | 25<br>26              |                |          |               | $\vdash$ | $\vdash$ | _            | <del>                                     </del> | <u> </u> |          |  |  |
|          | 27                    |                |          |               |          |          |              | Γ  |          |          |  |  |
|          | 28                    |                |          |               |          |          |              | Г  | Г        |          |  |  |
|          | 28<br>29              |                |          |               |          |          |              |  |          |          |  |  |
|          | 30<br>31              |                | i        |               |          |          |              |  |          |          |  |  |
|          | 31                    |                |          |               |          |          |              |  |          |          |  |  |
|          | 32                    |                |          | Ĺ             | L        |          | _            | <u> </u>   |          | Ш        |  |  |
|          | 33                    | L              | L        | oxdot         |          | <u> </u> | _            | $ldsymbol{f eta}$                                | <u> </u> | Щ        |  |  |
|          | 34                    | <u> </u>       | ᆫ        | <u> </u>      | <u> </u> | <u> </u> | <u> </u>     | <u> </u>   | <u> </u> | Щ        |  |  |
|          | 35                    | <u> </u>       | <u> </u> | <u> </u>      | <u> </u> | <u> </u> | L            | <u> </u>   | <u> </u> |          |  |  |
|          | 36                    | $\vdash$       | <u> </u> | <u> </u>      | <u> </u> | <u> </u> | <u> </u>     | _  | -        | Щ        |  |  |
|          | 37                    | L              | H        | ├-            | <u> </u> | <u> </u> | <u> </u>     | -  | -        |          |  |  |
|          | 38                    | <u> </u>       | <u> </u> | $\vdash$      | <u> </u> | $\vdash$ |              |  | $\vdash$ | Н        |  |  |
|          | 39<br>40              | H              | H        | ├             | <u> </u> | $\vdash$ | <u> </u>     | -  | -        | H        |  |  |
|          | 41                    |                | $\vdash$ | $\vdash$      | <u> </u> | $\vdash$ | _            | -  |          | Н        |  |  |
|          | 42                    | $\vdash$       | H        | ├             | Ь        | -        | <u> </u>     | -  |          | H        |  |  |
|          | 43                    | H              | H        | $\vdash$      |          | $\vdash$ | _            | Η-   | -        | $\vdash$ |  |  |
|          | 44                    | -              | H        | $\vdash$      | $\vdash$ | H        | -            | -  | Н        | H        |  |  |
|          | 45                    | $\vdash$       | H        | H             |          | $\vdash$ | -            |  | $\vdash$ | -        |  |  |
|          | 46                    | -              |          | Г             | -        | Н        | -            | -  | $\vdash$ |          |  |  |
|          | 47                    |                |          |               | Ι        | _        | _            | $\vdash$   |          | П        |  |  |
|          | 48                    | <b>-</b>       |          | Г             |          | _        |              | Г  | П        | П        |  |  |
|          | 49                    | Т              |          |               |          |          |              |  |          |          |  |  |
|          | 50                    |                |          | $\overline{}$ | $\vdash$ | $\vdash$ | $\vdash$     | т  |          | $\Box$   |  |  |

|        | im       |         | <br> |          | Date     | e |    | ,        |   |   | Cla   | im       |                     |           |   | _[ | Date     | <u>e</u> |          |   |        |
|--------|----------|---------|------|----------|----------|---|----|----------|---|---|-------|----------|---------------------|-----------|---|----|----------|----------|----------|---|--------|
| Final  | Original | 2/17/06 |      |          |          |   |    |          |   |   | Final | Original |                     |           |   |    |          |          |          |   |        |
|        | 1        | х       |      |          |          |   |    |          |   |   |       | 51       |                     | $\exists$ |   | _  |          | ļ        |          |   |        |
|        | 2        | Х       | <br> | _        | L        | Ш | _  | <u> </u> | _ |   |       | 52       | Ш                   | _         |   |    |          | <u> </u> | <u> </u> | Ш | Ш      |
|        | 3        | X       |      | L        | L        |   | _  |          | _ |   |       | 53       |                     | _         |   |    | <u> </u> | L_       | <u> </u> |   | Ш      |
|        | 4        | Х       |      |          | L        |   | L_ | _        |   |   |       | 54       |                     |           |   |    | L.       |          | _        |   | Ш      |
|        | 5        | X       | <br> | _        | L        |   | _  |          |   |   |       | 55       |                     | _         |   |    | _        |          | _        |   | Ш      |
|        | 6        | X       |      | <u> </u> | L        |   |    |          |   |   |       | 56       | $\sqcup$            | _         |   |    | _        | L        | <u> </u> |   |        |
| _      | 7        | Χ       |      |          | L        |   |    | _        |   |   |       | 57       | Ш                   | _         |   |    | L        |          |          |   |        |
|        | 8        | Х       |      | <u> </u> |          |   |    |          |   |   |       | 58       |                     | _         |   |    |          |          | <u> </u> |   |        |
|        | 9        | Х       |      | _        | L        |   |    |          | L |   |       | 59       |                     | _         |   |    |          |          | <u> </u> |   |        |
|        | 10       | Х       |      | L        | L        |   |    |          |   |   |       | 60       | Ш                   |           |   |    |          |          | <u></u>  |   |        |
|        | 11       | Х       |      |          |          |   |    |          |   |   |       | 61       |                     |           |   |    |          | L        | 乚        |   |        |
|        | 12       | X       |      |          |          |   |    |          |   |   |       | 62       |                     |           |   |    | L        |          | L        |   |        |
| I      | 13       | Х       |      | $\Box$   |          |   |    |          |   | [ |       | 63       |                     |           |   |    |          | _        |          | Ш | Ш      |
|        | 14       | Х       |      |          |          |   |    |          |   |   |       | 64       |                     | ]         |   | _  |          |          |          | Ш |        |
|        | 15       | Х       |      |          |          |   |    |          |   |   |       | 65       |                     |           |   |    |          |          |          | Ш |        |
|        | 16       | Х       |      |          |          |   |    |          |   |   |       | 66       |                     |           |   |    | L        |          |          |   |        |
|        | 17       | Х       |      |          | <u> </u> |   |    |          |   |   |       | 67       | $\sqcup \downarrow$ |           |   |    |          |          |          |   |        |
|        | 18       | Х       |      |          |          |   |    |          |   |   |       | 68       |                     |           |   |    |          |          | _        |   |        |
|        | 19       | Х       |      |          |          |   |    |          |   |   |       | 69       |                     |           |   |    |          |          |          |   |        |
|        | 20       | Х       |      |          |          |   |    |          |   |   |       | 70       |                     |           |   |    |          |          |          |   |        |
|        | 21       | X       |      |          |          |   |    |          |   |   |       | 71       |                     |           |   |    |          |          |          |   |        |
|        | 22       | X       |      |          |          |   |    |          |   |   |       | 72       | Ш                   |           |   |    | L        | L        | L        |   |        |
|        | 23       |         |      |          |          |   |    |          |   |   |       | 73       |                     |           |   |    |          |          |          |   |        |
|        | 24       |         |      |          |          |   |    |          |   |   |       | 74       |                     |           |   |    |          |          |          |   |        |
|        | 25       |         |      |          |          |   |    |          |   |   |       | 75       |                     |           |   |    |          |          |          |   |        |
|        | 26       |         |      |          |          |   |    |          |   |   |       | 76       |                     |           |   |    |          |          |          |   |        |
|        | 27       |         |      |          |          |   |    |          |   |   |       | 77       |                     |           |   |    |          |          |          |   |        |
|        | 28       |         |      |          |          |   |    |          |   |   |       | 78       |                     |           |   |    |          |          |          |   |        |
|        | 29       |         |      |          |          |   |    |          |   |   |       | 79       |                     |           |   |    |          |          |          |   |        |
|        | 30       |         |      |          |          |   |    |          |   |   |       | 80       | П                   |           |   |    |          |          |          |   |        |
|        | 31       |         |      |          |          |   |    |          |   |   |       | 81       |                     |           |   |    |          |          |          |   |        |
|        | 32       |         |      |          |          |   |    |          |   |   |       | 82       |                     |           |   |    |          |          |          |   |        |
|        | 33       |         |      |          |          |   |    |          |   |   |       | 83       |                     |           |   |    |          |          |          |   |        |
| ┚      | 34       |         |      |          |          |   |    |          |   |   |       | 84       |                     |           |   |    |          |          |          |   |        |
| ▔      | 35       |         |      |          |          |   |    |          |   |   |       | 85       |                     |           |   |    |          |          |          |   |        |
|        | 36       |         |      |          |          |   |    |          |   |   |       | 86       |                     |           |   |    |          |          |          |   |        |
|        | 37       |         |      |          |          |   |    |          |   |   |       | 87       |                     |           |   |    |          | L        |          |   |        |
|        | 38       |         |      |          | Γ        |   |    |          |   |   |       | 88       |                     |           |   |    |          |          |          |   |        |
|        | 39       |         |      |          |          |   |    |          |   |   |       | 89       |                     |           |   |    |          |          |          |   |        |
|        | 40       |         |      |          |          |   |    |          |   |   |       | 90       |                     |           |   |    |          |          |          |   |        |
|        | 41       |         |      |          | Г        |   |    |          |   |   |       | 91       | $\Box$              |           |   |    | -        |          |          |   | $\Box$ |
| $\neg$ | 42       |         |      |          |          |   |    |          |   |   |       | 92       |                     |           |   |    |          |          |          |   |        |
| $\neg$ | 43       |         |      |          |          |   |    |          |   |   |       | 93       | $\Box$              |           |   | _  | [        |          |          |   |        |
|        | 44       |         |      |          |          |   |    |          |   |   |       | 94       |                     |           |   |    |          |          |          |   |        |
|        | 45       |         |      |          |          |   |    |          |   |   |       | 95       |                     |           |   | _  |          |          |          |   |        |
| T      | 46       |         |      | _        |          |   |    |          |   |   |       | 96       | $\Box$              | T         |   |    |          |          |          |   |        |
| T      | 47       |         |      |          |          |   |    |          |   |   |       | 97       | Πİ                  |           | ٦ |    |          |          |          |   |        |
| 一      | 48       |         |      |          |          |   |    |          |   |   |       | 98       |                     |           |   |    |          |          |          |   |        |
|        | 49       |         |      |          |          |   |    |          |   |   |       | 99       |                     |           |   |    |          |          |          |   |        |
|        | 50       |         |      |          |          |   |    |          |   |   |       | 100      |                     |           |   |    |          |          |          |   |        |

| Cla   | aim   | Date  |            |          |              |                   |              |          |  |          |  |
|-------|---|---|------------|----------|--------------|-------------------|--------------|----------|--|----------|--|
| Final | Original                                      |   |            |          |              |                   |              |          |  |          |  |
| u.    | i .   |   |            | L        |              |                   | L            |          |  |          |  |
|       | 101   | _   | _          | _        |              |                   | L            |          | L_   | Ш        |  |
|       | 102   |   | _          | _        |              |                   | <u> </u>     | <u> </u> | <u> </u>   | Щ        |  |
|       | 103   | <u> </u>  | <u> </u>   | <u> </u> |              | <u> </u>          | <u> </u>     | <u> </u> | <u> </u>   | Н        |  |
|       | 103<br>104<br>105                             | <u> </u>  | -          | ├        | <u> </u>     | <u> </u>          | ⊢            | _        |  | Н        |  |
|       | 105   | <u> </u>  | -          | _        |              | _                 | <u> </u>     | <u> </u> | <u> </u>   |          |  |
|       | 107   |   | -          | ┢        | -            |                   | $\vdash$     | $\vdash$ |  | $\vdash$ |  |
|       | 106<br>107<br>108<br>109                      | ┢   | $\vdash$   | ┢        |              | -                 | -            | $\vdash$ | $\vdash$   | $\vdash$ |  |
|       | 109   | $\vdash$  | $\vdash$   | T        | _            | T                 | <u> </u>     | _        | $\vdash$   | Н        |  |
|       | 1 11()  |   | _          | İ        |              |                   |              |          |  |          |  |
|       | 111<br>112<br>113                             |   | L          |          |              |                   |              |          |  |          |  |
|       | 112   |   |            |          |              | 匚                 |              |          |  |          |  |
|       | 113   |   | L          | <u>_</u> | L.           | <u> </u>          | <u> </u>     | L        | <u> </u>   |          |  |
|       | 114   | <u> </u>  | <u> </u>   | <u> </u> | <u> </u>     | <u> </u>          | <u> </u>     | <u> </u> | <u> </u>   | Щ        |  |
|       | 115   | <del> </del> —  | <u> </u>   | <u> </u> | <del> </del> |                   | <del> </del> | $\vdash$ | <u> </u>   | Н        |  |
|       | 114<br>115<br>116<br>117                      | $\vdash$  |            | -        |              | -                 | -            | $\vdash$ | $\vdash$   | Н        |  |
|       | 118   | -   |            |          | <u> </u>     | ⊢                 | ┢            | ⊢        |  | Н        |  |
|       | 110   | $\vdash$  | ┢          | $\vdash$ | _            | ⊢                 | -            | ┝        | ├─   | Н        |  |
|       | 119<br>120<br>121                             | <del>                                     </del>                                | -          | ┢╾       | $\vdash$     | $\vdash$          | $\vdash$     | $\vdash$ | _  | Н        |  |
|       | 121   | -   | <u> </u>   |          |              |                   |              | $\vdash$ | $\vdash$   | Н        |  |
|       | 122   |   |            | <u> </u> |              |                   |              | _        | $\vdash$   | П        |  |
|       | 122<br>123<br>124<br>125<br>126<br>127<br>128 |   |            |          |              |                   |              |          |  |          |  |
|       | 124   |   |            |          |              |                   |              |          |  |          |  |
|       | 125   |   | _          | L        |              | L                 | <u> </u>     | <u> </u> | _  |          |  |
|       | 126   | _   | _          | <u> </u> | <u> </u>     | <u> </u>          | <u> </u>     | <u> </u> | <u> </u>   | Ш        |  |
|       | 127   | -   |            | -        | <u> </u>     | -                 | ⊢            | -        |  | -        |  |
|       | 128   | <del> </del>  | ├-         | ┢        |              | _                 | ⊢            | ┝        | <del> </del>                                     | Н        |  |
|       | 130   | $\vdash$  | ⊢          | ┢┈       |              |                   | $\vdash$     | $\vdash$ | -  | Н        |  |
|       | 130<br>131<br>132                             |   | -          | -        | -            | -                 | -            | -        | <del>                                     </del> | H        |  |
|       | 132   |   | $\vdash$   |          |              |                   |              | Т        |  | П        |  |
|       | 133   |   |            |          |              |                   |              |          |  |          |  |
|       | 133<br>134                                    |   |            |          |              |                   |              |          |  |          |  |
|       | 135   | Ĺ   | Ĺ          | L        | L            |                   |              |          |  |          |  |
|       | 135<br>136<br>137<br>138<br>139               | <u> </u>  | <u> </u>   | <u> </u> | <u> </u>     | $ldsymbol{f eta}$ | L            | ļ        | <u> </u>   |          |  |
|       | 137   | $oxed{\!$ | L          |          | <u> </u>     | <u> </u>          | L            | -        | <u> </u>   | Н        |  |
|       | 138   | _   | <u> </u> _ |          | <u> </u>     | <u> </u>          | -            | _        | $\vdash$   | Н        |  |
|       | 140   | -   | -          | $\vdash$ | $\vdash$     | $\vdash$          | $\vdash$     | -        | $\vdash$   | $\vdash$ |  |
|       | 141   | -   | -          | ┢        | <del> </del> | ┢                 | _            | -        | $\vdash$   | Н        |  |
|       | 142   | <del> </del>  | -          | $\vdash$ | $\vdash$     | $\vdash$          |              | -        | $\vdash$   | Н        |  |
|       | 143   | _   |            |          |              |                   |              |          | -  | П        |  |
|       | 144   |   |            |          |              |                   |              |          |  |          |  |
|       | 145   |   |            |          |              |                   |              |          |  |          |  |
|       | 146   |   |            | L        |              |                   |              |          |  | Ш        |  |
|       | 147   |   |            | <u> </u> | $\vdash$     |                   | <u> </u>     | _        |  | Щ        |  |
|       | 148   | <u> </u>  |            | $\vdash$ | H            | <u> </u>          | <u> </u>     | _        | <u> </u>   | Щ        |  |
|       | 149   | H   | ļ          | <u> </u> | <u> </u>     | <u> </u>          | <u> </u>     | _        | <u> </u>   | Н        |  |
|       | 150   |   | L          | L        | L:           |                   | L            |          | L  | Ш        |  |